

WHAT IS CLAIMED IS

1. An object filtering method for filtering an object in a process of accessing, through a proxy server for relaying an access to various services of the Internet, a server which is disposed on the Internet and stores various types
5 of objects and requesting the server to acquire a desired object, comprising:

a step of monitoring the residual amount of a memory capacity in a client;

a step of notifying a filtering condition from the client to said proxy server in accordance with the monitoring result; and

10 a step of filtering the object in accordance with the filtering condition thus notified by said proxy server.

2. The object filtering method as claimed in claim 1, wherein the filtering condition is notified from the client to said proxy server at a predetermined period.

15 3. The object filtering method as claimed in claim 2, wherein the predetermined period is freely set from the external.

4. The object filtering method as claimed in claim 1, wherein the filtering condition is validated only for a predetermined term.

20 5. The object filtering method as claimed in claim 1, wherein the filtering condition is represented by a filename extension of the object.

6. The object filtering method as claimed in claim 5, wherein said proxy server prohibits only a file having the filename extension notified from the client as the filtering condition from being transmitted to the client.

25 7. The object filtering method as claimed in claim 5, wherein said proxy server allows only a file having no filename extension notified from the client

as the filtering condition to be transmitted to the client.

8. The object filtering method as claimed in claim 1, wherein the filtering condition is represented by the data length of the object.

9. The object filtering method as claimed in claim 8, wherein said proxy
5 server prohibits a file having the data length exceeding the data length notified from the client as the filtering condition from being transmitted to the client.

10. The object filtering method as claimed in claim 1, wherein the client is a cellular phone terminal.

10 11. The object filtering method as claimed in claim 1, wherein said proxy server is a gateway server for WAP (Wireless Application Protocol).

12. A client device for accessing, through a proxy server for relaying an access to various services of the Internet, a server which is disposed on the Internet and stores various types of objects and requesting the server to
15 acquire a desired object, comprising:

control means for controlling an access to the Internet to acquire the object; and

memory means for storing the object thus acquired, wherein when said control means detects that the memory residual amount of said
20 memory means is equal to a predetermined memory residual amount or less, said control means notifies to said proxy server a filtering condition of the object transmitted to the client device self.

13. The client device as claimed in claim 12, wherein said control means notifies the filtering condition to said proxy server at a predetermined period.

25 14. The client device as claimed in claim 13, wherein the predetermined

period is freely set from the external.

15. The client device as claimed in claim 12, wherein the filtering condition is represented by a filename extension of the object.

16. The client device as claimed in claim 12, wherein the filtering condition
5 is represented by the data length of the object.

17. The client device as claimed in claim 12, wherein said client device is a cellular phone terminal containing said control means and said memory means.

10 18. The client device as claimed in claim 12, wherein said client device is a WAP (Wireless Application Protocol) terminal containing said control means and said memory means.